

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1574 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Rogers, Gary	Locality:	
Date Desc.:	30/10/92	Elevation:	No Data
Map Ref.:	Sheet No. : 8057 GPS	Rainfall:	No Data
Northing/Long.:	7783864 AMG zone: 55	Runoff:	Slow
Easting/Lat.:	352852 Datum: AGD66	Drainage:	Moderately well drained

Geology

Exposure Type:	No Data	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	Undisturbed soil core, No Data

Land Form

Rel/Slope Class:	Level plain <9m <1%	Pattern Type:	Plain
Morph. Type:	Flat	Relief:	No Data
Elem. Type:	Plain	Slope Category:	Level
Slope:	1 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Haplic Eutrophic Red Ferrosol Medium Non-gravelly Clay-loamy Clayey Moderately deep	Principal Profile Form:	Gn3.11
ASC Confidence:	Great Soil Group:	Euchrozem

Analytical data are incomplete but reasonable confidence.

Site Disturbance: No effective disturbance other than grazing by hoofed animals

Vegetation: Low Strata - Tussock grass, 0.26-0.5m, Sparse. *Species includes - Heteropogon contortus, Bothriochloa ewartiana,
Bothriochloa decipiens Mid Strata - Tree, 3.01-6m, Sparse. *Species includes - Eucalyptus papuana, Eucalyptus erythrophloia

Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - Eucalyptus papuana, Eucalyptus erythrophloia, Eucalyptus

Surface Coarse Fragments: 0-2%, stony, 200-600mm, rounded, Basalt

Profile Morphology

A1	0 - 0.1 m	Dark brown (7.5YR3/2-Moist); ; Clay loam, sandy; Massive grade of structure; Earthy fabric; Dry; Firm consistence; , Calcareous, , , ; Gypseous, , ; Field pH 6 (Raupach, 0.05); Clear change to -
B21	0.1 - 0.32 m	Dark brown (7.5YR3/3-Moist); ; Light clay; Moderate grade of structure, 10-20 mm, Polyhedral; Smooth-ped fabric; Few (<1 per 100mm ²) Very fine (0.075-1mm) macropores, Dry; Very firm consistence; Few (2 - 10 %), Manganiferous, Medium (2 -6 mm), Nodules; , Calcareous, , , ; Gypseous, , ; Field pH 6 (Raupach, 0.2); Clear change to -
B22	0.32 - 0.5 m	Reddish brown (5YR4/4-Moist); ; Light clay; Moderate grade of structure, 10-20 mm, Polyhedral; Smooth-ped fabric; Few (<1 per 100mm ²) Very fine (0.075-1mm) macropores, Dry; Very firm consistence; Common (10 - 20 %), Manganiferous, Medium (2 -6 mm), Nodules; , Calcareous, , , ; Gypseous, , , ; Field pH 6 (Raupach, 0.4);

Morphological Notes

Observation Notes

Site Notes

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1574 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable	Cations	Exchangeable	CEC	ECEC	ESP
m		dS/m	Ca	Mg	K	Na Cmol (+)/kg	Acidity	%
0 - 0.1	6A		13B	4.7	1.3	0.06		
0.1 - 0.32	6A							
0.32 - 0.5	6.2A		12B	3.6	1.1	0.06		

[illegible][illegible]

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLD
Project Code: DLR **Site ID:** 1574 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Laboratory Analyses Completed for this profile

10B	Extractable sulfur(mg/kg) - Phosphate extractable sulfur
15A2_CA	Exchangeable bases (Ca2+,Mg2+,Na+,K+) - 1M ammonium chloride at pH 7.0, pretreatment for soluble salts
15A2_K	Exchangeable bases- 1M ammonium chloride at pH 7.0, pretreatment for soluble salts
15A2_MG	Exchangeable bases- 1M ammonium chloride at pH 7.0, pretreatment for soluble salts
15A2_NA	Exchangeable bases- 1M ammonium chloride at pH 7.0, pretreatment for soluble salts
15N1	Exchangeable sodium percentage (ESP)
4A1	pH of 1:5 soil/water suspension